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Discussion

Response to Comments by Dewey H. Hodges

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We appreciate the comments made by Professor D.H. Hodges in his “letter to the Editor”. In fact, the book entitled “Nonlinear Composite Beam Theory” (Hodges, 2006) contains a very interesting excursion on beam theory (in particular starting from some concepts developed since 1980, as those proposed by Berdichevsky (1980) and Danielson and Hodges (1987)), as well as an extensive list of references. We would like also to observe how the cited book, as well as a good part of the references therein reported, belong to an aeronautical realm, which unfortunately is not too well-known to other engineering areas.

Finally, we still think that the simplicity and compactness of our paper (Auricchio et al., 2008), as well as our kinematics interpretation through an extended polar decomposition (see Boulanger and Hayes, 2001, 2006; Jaric et al., 2006), are important contributions, despite some references are surely missing.

References

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